

IEEE-CS TCPP March 2008 Newsletter

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Dear TCPP member,

IPDPS, our flagship conference, is around the corner. As you know, we will have the inaugural TCPP PhD Forum with 36 students presenting posters during morning and afternoon sessions on Thu, April 17th. The best poster award will be announced at 6 p.m. during "meet and greet" session. With an NSF grant, we are now able to provide travel support to two-third of these students and to IPDPS student authors.

Another TCPP conference, PerComm-08, just concluded successfully in Hong Kong. The conference was attended by about 230 researchers from all over the world and featured a PhD forum, live demonstrations and work-in-progress posters, in addition to technical sessions and keynotes.

ACM has inducted 38 Fellows for 2007 among which some have significant contributions to parallel processing and allied technologies. Please join me in congratulating Anant Agrawal (Stanford), Utpal Banerjee (Intel), Danny Dolev (Hebrew U.), Guang Gao (U. Delaware), David Padua (Urbana), and Viktor Prasanna (U. Southern California)!

Here are the updates on TCPP related conferences followed by CFPs, etc., submitted in the past several weeks to tcpp-announce@cc.gatech.edu.

I hope to see many of you at IPDPS in Miami. Regards,

Sushil K. Prasad
TCPP Chair

TCPP Related Events

IPDPS-08: 22nd IEEE Intl Parallel & Distributed Processing Symposium
April 14-18, 2008 Hyatt Regency Hotel Miami, Florida USA
<http://www.ipdps.org/>

- From 410 submissions, 105 papers were accepted for presentation in 26 sessions plus the Wednesday plenary session for Best Papers in the 4 technical tracks.
 - 24 Workshops are planned for Monday and Friday
 - Invited speakers include Joel Saltz, Katherine Yelick, Jeannette Wing, and Dror Feitelson
 - Commercial presentations
-
- TCPP Ph.D. Forum at IPDPS-08: Thursday, April 17.

- All Symposium Tutorial on Tuesday evening (FREE to all attendees)

HiPC-08: Intl. Conference on High Performance Computing

Dec 17-20, 2008 Bangalore, India

<http://www.hipc.org>

- The 14th meeting, held in Goa, India in December 2007, had 52 contributed papers that were selected from over 253 submissions from 31 countries and approximately 300 participants attended the meeting.
- May 12, 2008: Papers and Workshop Proposals Due
- May 19, 2008: Tutorial Proposals Due

PerComm-09: IEEE Intl Conf on Pervasive Computing and Communications

March 16-20, 2009, Dallas, USA

<http://www.percom.org>

- The sixth edition of IEEE's premier international conference on pervasive computing and communications, PerCom 2008 was held in Hong Kong. The conference comprising high quality technical sessions (19 full and 6 short papers), 2 keynote speeches, one panel, a PhD forum, 10 popular workshops, live demonstrations and work-in-progress posters, was attended by about 230 researchers from all over the world.

AICCSA-08: The 6th Intl Conf on Computer Systems and Applications

March 31 - April 4, 2008, Doha, Qatar

<http://www.aiccsa08.org>

- AICCSA is the premier Computer Science and Engineering Conference in the Middle East and North Africa.

ICAC 2008: The 5th IEEE International Conference on Autonomic Computing

June 2-6, 2008 Chicago, IL, USA

<http://www.acis.ufl.edu/~icac2008/>

- The purpose of ICAC-08 is to bring together researchers and practitioners to address all aspects of self-management in computing systems. In doing so, we will continue to develop and nurture a growing community that can work together to realize the vision of scalable self-managing systems. The conference builds on previous highly influential meetings in New York, Seattle, Dublin and Jacksonville.
- Mar 3, 2008 Workshop proposals due
- Mar 3, 2008 Demo/Exhibit proposals due

DCOSS 2008: Intl Conference on Distributed Computing in Sensor Systems

June 11-14, 2008 Santorini Island, Greece

<http://www.dcross.org/>

- The focus of the conference is on distributed computing issues in large-scale networked sensor systems (including algorithms, applications, and systematic design techniques and tools), but networking-related contributions that support high level abstractions are also welcome.

- New in 2008: Demo Session, Work-in-Progress Session, IJDSN Special Issue on Best Papers of DCoSS 08, Students Competition

HPDC 2008: 7th Intl Conference on High Performance Distributed Computing

June 23-27, 2008 Boston

<http://www.hpdc.org>

- High-Performance Distributed Computing (HPDC) combines the advances in research and technologies in high speed networks, software, distributed computing and parallel processing to deliver high-performance, large-scale and cost-effective computational, storage and communication capabilities to a wide range of applications.

ICPS 2008: IEEE International Conference on Pervasive Services

July 6-10, 2008 Sorrento, Italy

<http://icpsconference.org/>

- The 2008 International Conference on Pervasive Services (ICPS'2008), to be held in Sorrento, Italy, provides a forum for researchers, engineers, application & service developers and users to present their latest advances in the field of pervasive services. Use cases and usage models for these pervasive services are of particular interest to the conference.

PACT 2008: 7th Intl Conf. on Parallel Architectures and Compilation Techniques

October 25-29, 2008 Toronto, Canada

<http://www.eecg.toronto.edu/pact/>

- The purpose of PACT is to bring together researchers from architecture, compilers, applications and languages to present and discuss innovative research of common interest.

DS-RT 2008: The 12th IEEE International Symposium on Distributed Systems and Real Time Applications

October 27-29, 2008 Vancouver Canada

<http://www.cs.unibo.it/ds-rt2008/>

- DS-RT 2008 serves as a forum for simulationists from academia, industry and research labs, for presenting recent research results in Distributed Simulation and Real Time Applications
- May 1, 2008 Papers due

RECONFIG 2008: International Conference on ReConFigurable Computing and FPGAs

Dec 3-5, Cancun. Mexico

<http://www.reconfig.org/>

- ReConFig'08 will provide a leading edge forum for researchers and engineers from across the world to present their latest research and to discuss future research and application
- July 18, 2008 Papers due

ICPADS 2008: 14th International Conference on Parallel and Distributed Systems

Dec 8-10, Melbourne, Australia

<http://www.deakin.edu.au/conferences/icpads2008/>

- ICPADS provides an international forum for scientists, engineers, and users to exchange and share their experiences, new ideas, and latest research results on all aspects of parallel and distributed systems.
- May 23, 2008 Workshop Proposals due
- June 20, 2008 Papers due

Call for Papers

April 4, 2008

SC'08 : Super Computing 2008
<http://sc08.supercomputing.org/>

April 6, 2008

NGWMN-08 : The First International Workshop on Next Generation of Wireless and Mobile Networks
 Sept 8-12, Portland, Oregon
<http://www.cs.uc.edu/~qzeng/NGWMN2008/NGWMN2008.htm>

April 7, 2008

ECSA 2008: SECOND EUROPEAN CONFERENCE ON SOFTWARE ARCHITECTURE
 Sep 29- Oct 1, Paphos, Cyprus
<http://www.ecsa2008.cs.ucy.ac.cy/>

April 10, 2008

The 4th International Conference on Natural Computation (ICNC'08)
 The 5th International Conference on Fuzzy Systems and Knowledge Discovery (FSKD'08)
 25-27 August 2008, Jinan, China
<http://www.icnc-fskd2008.sdu.edu.cn>

April 11, 2008

P2S2: Parallel Programming Models and Systems Software for High-end Computing
 Sept 8-12, Portland, Oregon, USA
<http://www.mcs.anl.gov/events/workshops/p2s2>

April 14, 2008

SenSys 2008: The 6th ACM Conference on Embedded Networked Sensor Systems
 November 5 - 7, 2008 Raleigh, NC
<http://sensys.acm.org/2008/>

April 15, 2008

ISD 2008: 17th International Conference on Information Systems Development
 Aug 25-27, Paphos, Cyprus
<http://isd2008.cs.ucy.ac.cy>

April 15, 2008

The International Journal of Interdisciplinary Telecommunications & Networking (IJITN)
 Special Issue on Wireless Telecommunications
http://www.cs.uc.edu/~qzeng/Special_Issue_WT/CFP_Issue_on_WT.htm

April 15, 2008

Special Session on HPC in Bioinformatics
 Melbourne, Australia, October 15-17, 2008
<http://www.infotech.monash.edu.au/about/news/conferences/prib2008>

April 25, 2008

The 11th ACM/IEEE International Symposium on Modeling, Analysis and Simulation of Wireless and Mobile Systems
Vancouver, British Columbia, Canada

October 26 - 30, 2008

<http://www.cs.unibo.it/mswim2008>

May 1, 2008

DS-RT 2008: 12th IEEE/ACM International Symposium on Distributed Simulation and Real Time Applications

Oct 27-29, Vancouver, BC, Canada

<http://www.cs.unibo.it/ds-rt2008/>

May 5, 2008

SASO: Self-adaptive and Self-organizing Systems

Oct 20-24, 2008 Venice, Italy

www.saso-conference.org

May 5, 2008

HeteroPar'08: Algorithms, Models and Tools for Parallel Computing on Heterogeneous Networks

29 September – 1 October 2008, Tsukuba, Japan

<http://heteropar2008.org>

May 5, 2008

Second International Workshop on High Performance I/O Systems and Data Intensive Computing

Tsukuba, Japan. October 1st, 2008

<http://www.arcos.inf.uc3m.es/~jdaniel/hiperio08>

May 15, 2008

META'2008: International Conference on Metaheuristics and Nature Inspired Computing

29-31 Oct 2008, Hammamet, Tunisia

<http://www.lifl.fr/META08>

May 13, 2008

MICRO-41: The 41st Annual IEEE/ACM International Symposium on Microarchitecture

November 8-12, 2008, Lake Como, Italy

<http://www.microarch.org/micro41>

May 13, 2008

The British Computer Society International Academic Research Conference Visions of Computer Science

Imperial College London September 22-24, 2008

www.bcs.org/visions

May 22, 2008

ECEL 2008: 7th European Conference on e-Learning

Grecian Bay Hotel, Agia Napa, Cyprus

<http://academic-conferences.org/ecel/ecel2008/ecel08-call-papers.htm>

May 23, 2008

The Fourth IEEE International Workshop on Wireless and Sensor Networks Security (WSNS'08)

September 29, 2008

www.cs.wcupa.edu/~zjiang/wsns08.htm

June 1, 2008

ISPA'08: IEEE International Symposium on Parallel and Distributed Processing with Applications

Dec 10-12, 2008. Sydney, Australia
<http://www.cs.usyd.edu.au/~ispa2008/>

Call for Workshop Proposals

Mar 1, 2008
ISPA'08: IEEE International Symposium on Parallel and Distributed Processing with Applications
Dec 10-12, 2008. Sydney, Australia
<http://www.cs.usyd.edu.au/~ispa2008/>

Mar 1, 2008
MobiQuitous 2008: The Fifth Annual International Conference on Mobile and Ubiquitous Systems: Computing, Networking and Services
July 21-25, 2008, Dublin, Ireland
<http://www.mobiquitous.org>

Mar 3, 2008
ICAC 2008: The 5th IEEE International Conference on Autonomic Computing
Chicago, IL, USA June, 2008
<http://www.acis.ufl.edu/~icac2008/>

Call for Participation

April 1, 2008
REALWSN'08: Workshop on Real-World Wireless Sensor Networks
Glasgow, Scotland
<http://www.sics.se/realwsn08/>

April 1, 2008
DTVCS 2008: Design, Testing and Formal Verification Techniques for Integrated Circuits and Systems
August 18-20, 2008 (Kailua-Kona, Hawaii, USA)
<http://digilander.libero.it/systemcfl/dtvcs>

April 14-18, 2008
IPDPS-08: 22nd IEEE Intl Parallel & Distributed Processing Symposium, Hyatt Regency Hotel Miami, Florida USA
<http://www.ipdps.org/>

May 11, 2008
IWMSE: International Workshop on Multicore Software Engineering
Leipzig, Germany
<http://www.multicore-systems.org/iwmse>

May 12, 2008
ICSE: Programming Wireless Sensor Networks: from Theory to Practice" Tutorial at the 30th International Conference on Software Engineering
Leipzig, Germany

May 19-22, 2008
CCGrid: 8th IEEE International Symposium on Cluster Computing and the Grid
Lyon, France
<http://ccgrid2008.ens-lyon.fr/>

June 9 - 11, 2008
ICA3PP-2008: The 8th International Conference on Algorithms and Architectures for Parallel Processing
Agia Napa, Cyprus

July 16-18, 2008
CSE 2008: IEEE 11th International Conference on Computational Science and Engineering
Sao Paulo, Brazil

Open Positions

- Department of Electrical and Computer Engineering at Polytechnic University announces an open faculty position in the areas of computer engineering. Areas of interest include microprocessor architecture, chip multiprocessors, embedded systems, parallel processing and reconfigurable computing. The successful candidate will contribute to substantial on-going efforts in high performance computing and other topics in computer engineering. For more information, please see <http://www.poly.edu/ece/positions>
- CITI-U.Nova Lisboa Postdoc positions (call open till Apr 9th):
<http://www.eracareers.pt/opportunities/index.aspx?task=global&jobId=8321>
<http://www.eracareers.pt/opportunities/index.aspx?task=global&jobId=8432>